

To: David Dinkuhn[DDinkuhn@parametrix.com]
Cc: Chal Martin[Chal.Martin@ci.bremerton.wa.us]; Thomas Knuckey[Thomas.Knuckey@ci.bremerton.wa.us]; Milenka Hawkins-Bates[Milenka.Hawkins-Bates@ci.bremerton.wa.us]; Andrea Spencer[Andrea.Spencer@ci.bremerton.wa.us]; Roger Lubovich[Roger.Lubovich@ci.bremerton.wa.us]; Kathleen Cahall[Kathleen.Cahall@ci.bremerton.wa.us]
From: Chance Berthiaume
Sent: Mon 8/7/2017 12:42:10 PM
Subject: RE: Anderson Cove Early Notice Letter

David,

That makes sense. I'd like to hear what Chal finds out from his conversation with Ecology. I believe that contamination along the beach originated from neighboring oil facility and the coal gasification plant operations at the end of Pennsylvania Ave. Any cove shoreline/beach cleanup effort that we made now could easily be re-contaminated by tidal and sediment movement from those locations if we jumped on cleanup too soon. The cleanup on the Pennsylvania site will have in water work in the near future which could also cause more contaminate movement to the cove. Determining the extent of the contamination could prove to be interesting.

A lot to consider.

Chance

From: David Dinkuhn [mailto:DDinkuhn@parametrix.com]
Sent: Monday, August 7, 2017 11:11 AM
To: Chance Berthiaume <Chance.Berthiaume@ci.bremerton.wa.us>; Chal Martin <Chal.Martin@ci.bremerton.wa.us>; Thomas Knuckey <Thomas.Knuckey@ci.bremerton.wa.us>; Milenka Hawkins-Bates <Milenka.Hawkins-Bates@ci.bremerton.wa.us>; Andrea Spencer <Andrea.Spencer@ci.bremerton.wa.us>; Roger Lubovich <Roger.Lubovich@ci.bremerton.wa.us>; Kathleen Cahall <Kathleen.Cahall@ci.bremerton.wa.us>
Subject: RE: Anderson Cove Early Notice Letter

Chance,

This is all coming back to me – I helped coordinate the risk evaluation from PTI for the City. It boils down to the assumptions made on how people might get exposed to the contaminated sediments. The MTCA cleanup levels are based on a residential scenario of 350 days a year of exposure. PTI used a more reasonable 40 days under a recreations scenario. Using 40 days of exposure, the cancer and toxicity risks are acceptable under Ecology regulations. I'm happy to discuss this further.

Dave

Parametrix

ENGINEERING . PLANNING . ENVIRONMENTAL SCIENCES

David Dinkuhn, P.E.

Senior Consultant

360.850.5319 | desk

360.471.3917 | cell

60 Washington Avenue, Suite 390

Bremerton, WA 98337



From: Chance Berthiaume [mailto:Chance.Berthiaume@ci.bremerton.wa.us]
Sent: Monday, August 07, 2017 10:25 AM
To: Chal Martin; Thomas Knuckey; Milenka Hawkins-Bates; Andrea Spencer; Roger Lubovich; Kathleen Cahall; David Dinkuhn
Subject: RE: Anderson Cove Early Notice Letter

Attached is one more report from Pioneer Technologies Corp for the Human Health Risk Evaluation completed by them around September 2013.

From: Chal Martin
Sent: Monday, August 7, 2017 7:58 AM
To: Thomas Knuckey <Thomas.Knuckey@ci.bremerton.wa.us>; Milenka Hawkins-Bates <Milenka.Hawkins-Bates@ci.bremerton.wa.us>; Andrea Spencer <Andrea.Spencer@ci.bremerton.wa.us>; Roger Lubovich <Roger.Lubovich@ci.bremerton.wa.us>; Chance Berthiaume <Chance.Berthiaume@ci.bremerton.wa.us>; Kathleen Cahall <Kathleen.Cahall@ci.bremerton.wa.us>; David Dinkuhn (DDinkuhn@parametrix.com) <DDinkuhn@parametrix.com>
Subject: Anderson Cove Early Notice Letter

Folks, I looked through my files this morning and could not immediately lay hands on the reports noted at the bottom of the site data summary sheet. I have a call in to Donna Musa. chal



Chal A. Martin, P.E.
Director, Public Works & Utilities
City of Bremerton
(360) 473-5758 | (360) 473-5360 fax
chal.martin@ci.bremerton.wa.us

Working for and with our residents to establish Bremerton as Puget Sound's most beautiful and livable waterfront city!

BREMERTON-000311